

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050097

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/085

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 370 093 B1 (TADA KOICHI ET AL) 9 April 2002 (2002-04-09) column 4, line 1 - column 5, line 3 column 9, line 55 - column 9, line 67 column 19, line 37 - column 22, line 32 column 23, line 15 - column 23, line 49 figures 1,24-44	1,3-13
Y	-----	2
Y	WO 02/067250 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD; ISHIBASHI, HIROMICHI; WATANAB) 29 August 2002 (2002-08-29)	2
A	----- -/--	1,3-13

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the international search

4 July 2005

Date of mailing of the international search report

13/07/2005

Name and mailing address of the ISA

European Patent Office, P B 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Brezmes Alonso, F

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050097

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
P, Y	-& US 2004/076090 A1 (ISHIBASHI HIROMICHI ET AL) 22 April 2004 (2004-04-22) page 1, paragraph 6 page 1, paragraph 9 - page 2, paragraph 10 page 2, paragraph 14 - page 2, paragraph 17 page 3, paragraph 25 - page 3, paragraph 27 page 4, paragraph 31 page 4, paragraph 35 page 6, paragraph 86 - page 6, paragraph 99 page 7, paragraph 106 - page 7, paragraph 111 page 9, paragraph 143 - page 10, paragraph 151 page 12, paragraph 187 - page 13, paragraph 194 page 14, paragraph 206 - page 14, paragraph 216 figures 2A, 2B, 8, 18-21 -----	2
A	EP 1 253 587 A (KABUSHIKI KAISHA TOSHIBA) 30 October 2002 (2002-10-30) column 7, paragraph 22 - column 8, paragraph 23 figure 4 -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050097

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6370093	B1	09-04-2002	JP 2000200431 A	18-07-2000
			JP 2000200427 A	18-07-2000
			JP 2000200428 A	18-07-2000
			JP 2000200432 A	18-07-2000
			JP 2000200430 A	18-07-2000
			JP 2000200429 A	18-07-2000
			CN 1232570 A	20-10-1999
			WO 9805032 A1	05-02-1998
			KR 2000029739 A	25-05-2000
			US 2002122360 A1	05-09-2002
			US 2002122361 A1	05-09-2002
			US 2002118613 A1	29-08-2002
			US 2003012093 A1	16-01-2003
<hr/>				
WO 02067250	A	29-08-2002	CN 1493075 A	28-04-2004
			WO 02067250 A1	29-08-2002
			US 2004076090 A1	22-04-2004
<hr/>				
US 2004076090	A1	22-04-2004	CN 1493075 A	28-04-2004
			WO 02067250 A1	29-08-2002
<hr/>				
EP 1253587	A	30-10-2002	JP 3517223 B2	12-04-2004
			JP 2002319150 A	31-10-2002
			EP 1253587 A2	30-10-2002
			US 2005002286 A1	06-01-2005
			US 2002154582 A1	24-10-2002
<hr/>				